



RAYO 9219.6
RP-1565A
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of J. Malinski, et al. Art Unit 1746
Serial No. 10/751,149
Filed January 2, 2004
Confirmation No. 1532
For PERFORATED SEPARATOR FOR AN ELECTROCHEMICAL CELL

May 16, 2005

TO THE COMMISSIONER FOR PATENTS,

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-

entitled application and to be made of record therein. Applicants submit herewith copies of the foreign patent documents and literature references.

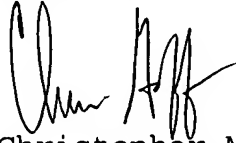
This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b) in that applicants believe that it is being filed prior to the mailing date of the first Office action on the merits. Accordingly, neither a statement nor fee under 37 C.F.R. §1.97(c) or (d) is required. However, if an Office action was issued prior to the date of mailing of this Information Disclosure Statement, the Commissioner is hereby authorized to charge the fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement.

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The Commissioner is hereby authorized to charge any underpayment and credit any overpayment of government fees to Deposit Account No. 19-1345.

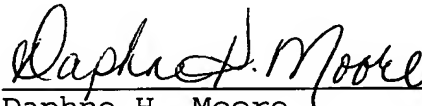
Respectfully submitted,



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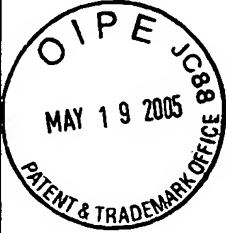
CERTIFICATE OF MAILING

I certify that this Second Supplemental Information Disclosure Statement in the application of J. Malinski, et al., Serial No. 10/751,149, filed January 2, 2004 is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this 16th day of May, 2005.



Daphne H. Moore

CMG/JMB/dhm
*Enclosures

PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT 				Complete if Known	
				Application Number	10/751,149
				Filing Date	January 2, 2004
				Confirmation Number	1532
				First Named Inventor	J. Malinski
				Group Art Unit	1746
				Examiner Name	TBA
Sheet	1	of	5	Attorney Docket No.	RAYO 9219.6 (RP-1565A)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	2,635,127		Yardney et al.	04-14-1953
	2	2,859,266		Garvey et al.	11-04-1958
	3	3,542,596		Arrance, et al.	11-24-1970
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	5	3,880,672		Megahed et al.	04-29-1975
	6	3,894,889		Gillman et al.	07-17-1975
	7	3,905,851		Davis, Jr.	09-16-1975
	8	3,951,687		Takamura et al.	04-20-1976
	9	4,037,033		Takamura et al.	07-19-1977
	10	4,154,912		Philipp et al.	05-15-1979
	11	4,192,727		Ward	03-11-1980
	12	4,218,280		Philipp et al.	08-19-1980
	13	4,272,470		Hsu et al.	06-09-1981
	14	4,262,067		Philipp et al.	04-14-1981
	15	4,277,572		Fujiwara et al.	07-07-1981

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached.

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	16	4,327,157		Himy et al.	04-27-1982
	17	4,331,746		Sheibley	05-25-1982
	18	4,357,402		Sheibley et al.	11-21-1982
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	23	5,382,482		Suga et al.	01-17-1995
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	26	5,882,271		Byrd	03-16-1999
	27	5,894,656		Menon, et al.	04-20-1999
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	29	6,074,781		Romulus P. Jurca	06-13-2000
	30	6,159,634		Yen et al.	12-12-2000
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	32	6,183,914		Yao, et al.	02-06-2001
	33	6,203,941	B1	Reichert et al.	03-20-2001
	34	6,368,365		Chi et al.	04-09-2002
	35	6,399,243		Kaplan et al.	06-04-2002

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	36	6,514,637		Treger	02-04-2003
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office	Number ⁴	Kind Code ² (if known)			
	42	WO	96/20504	A1	Saft	07-04-1996	
	43	WO	97/16863	A1	Eshraghi, Ray R.	05-09-1997	
	44	WO	00/36672	A1	Reichert et al.	06-22-2000	
	45	WO	00/59052	A2	Treger et al.	10-05-2000	
	46	WO	00/76011	A2	Moltech Corp.	12-14-2000	
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	48	WO	01/24291	A1	Schubert et al.	04-05-2001	
	49	WO	02/095847	A1	Rayovac Corporation	11-28-2002	
	50	DE	1596177		Matsushita Electric Ind. Co. Ltd.	04-01-1971	

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	51	EP	0563773		Japan Vilene Company, Ltd.	10-06-1993	
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	59	JP	61 281459 (abstract)		Nippon Synthetic Chem. Ind.	12-11-1986	
	60	JP	07 272771 (abstract)		Agency Ind. Science Techn., et al.	10-20-1995	
	61	JP	08/273653		Kuroda Nobuyuki	10-18-1996	
	62	JP	55/130067		Takeda Yoshiteru	10-08-1980	
	63	JP	49/109834		Matsushita	10-18-1974	

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	64	MODI, T.W., Handbook of Water-Soluble Gums and Resins, Davidson, R.L., ed., (1982), pp. 18-20, McGraw-Hill Book Co., New York	

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	65	Invitation to Pay Additional Fees from PCT/US2004/000040 dated April 22, 2005	
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